



Complimentary.

From the Farmer and American.

The *Scottish Farmer* says that "in all things connected with milk, the Americans have shown an example which the old country is glad to follow." Their cheese factories proved so successful that now we are making an attempt to introduce them throughout all dairy districts in this country. The success of the one that was established under the superintendence of the late lamented Mr. Jackson, has been, we understand, so great that it is in contemplation to erect others in the same form American cheese made upon this principle has been largely supplying the home markets, the amount of money which up to the end of October (chiefly from America) having in round numbers, £3,000,000 (£15,000,000).

East Tennessee has fine springs of cool water, and tracts of grazing land, as any in Scotland. Raised on a dairy farm in New York, on which sixty tons of hay were sometimes put into a single stack during Jackson's administration, and having the care and management of fifty cows 25 years ago, the writer may be pardoned a little enthusiasm on the subject of milk and its blood-forming qualities. What is more instructive, or more interesting as an agricultural process, than to see a first rate cow elaborate 24 quarts of rich milk in 24 hours from her own blood? Great nature forms in her system, first a prodigious quantity of blood, and then sometimes as much as sixty-two or three pounds of milk in 24 hours. There is but one other agricultural machine that will compare favorably with this, and that is one which should be studied in the same connection. Take a microscope and examine small grass seeds, and learn that there are millions in a bushel sown upon acres. Microscopic germs in almost microscopic seeds have the power to transform air, water, a little iron and bone earth, into organized grass with wonderful rapidity, out of which the cow of Providence forms so abundantly the blood of children and the blood of cattle. From the blood, bone and thought of young manhood, leads to glorified earth, air and water, less than ten days' difference. Through the agricultural channel herein mentioned to the theological reader, all flesh is grass; all will grow, and vapor. Turn up 100 lbs of milk that forms the牛's flesh so rapidly, and you will have less than one-fourth of that dust from which human flesh was once the night to be made.

Young farmer, if you would prosper in this world, and be respected as a man of clear head and sound mind, study the science of feeding and clothing mankind as a department of knowledge worth cultivating. The state of New York was the first in the world to enumerate the number of cows milked within its limits; and the writer, as Chairman of the Committee on Agriculture, drew up the bill and schedules for that and other agricultural purposes. These schedules and the law that followed require, for the first time in America, the return of every acre planted in corn, or potatoes, or sown in wheat, rye, barley, oats, peas or flax, and the yield per acre. That was in 1855; and from that day to this I have tried in vain to induce Congress to do as much for the advancement of agriculture over the whole Union. Tennessee came into the Union as a State in the last century; and from that day to this no man can say, even approximately, how many acres were ever planted in any one year in corn, cotton, tobacco, wheat or oats, in an agricultural commonwealth which has given three Presidents to a nation of farmers. Facts like these are humiliating and discouraging. The statistical clerk guesses in the Department of Agriculture, for Congress and the country at the number of acres yearly planted in corn and cotton, and guesses at the yield per acre. Twenty years ago, (some more and some less) Congress printed 500,000 copies of agricultural reports prepared by the writer with all this official and effete guess work left out. Mr. Dodge, the statistician, is a gentleman of talent, industry and high attainments in agriculture as a profession; but no man can fairly solve great problems in numbers, by guessing at the amount and value of every figure in the problem. Congress and the Department of Agriculture had better build cold-houses for the amusement of children, than guess at the number of acres planted in corn on every man's farm in the United States, and the yield per acre.

Is there any value in fifty counties anything like sheep, hogs and cattle, fully weighing anything on measuring anything like land and grain, that does not apply to our improved land and its products? The words "improved land" to be found in the United States census of 1850, 1850 and 1870 come from

this pen in the New York census of 1855. Congress collected no industrial statistics before 1840, and the census said nothing about improved land at that time.

Spilling a Cow with Milk.

A lady friend in a private letter says: "John, my milkman, says it will spoil my cows to give them milk. Please tell me if it is so." We have seen the same notion advanced in agricultural papers, and we are glad to have it brought up for review. We have been trying the experiment for two years, with a view to ascertaining how much milk it took to spoil a cow. We have fed it morning and night in quantities varying at times from one pint at a feed, to one gallon, and up to the present time we have failed to discover any symptoms of spoiling in our cows. On the contrary, we have found that when we gave most meal the cows gave the richest milk. So, judging from our experience and not going into the science of the case, we say to our correspondent give your cows at least two quarts of meal a day, with plenty of good hay and pure fresh water, and risk the spoiling. For coloring the milk that known as "yellow oil," we know of nothing better than a quart of cotton seed meal mixed with good timothy hay each day.—*Rural New.*

Promoting Growth of Mane and Tail.

I give the following recipe, which I have personally proved to be excellent in restoring a healthy growth of hair on the tails and mane—Corrosive sublimate (hyd. chloride oxychloride of mercury), each four grains in one ounce of distilled water. Wash the parts where the hair is thin, with a linen cloth, and immediately after rub in some of the above liquid. If the hair has been rubbed off by the animal's own endeavors to allay cutaneous irritation, then dress with the following ointment: One ounce of fine flour sulphur, into a soft ointment with fresh butter or fresh rendered hog's lard; rub in at night and wash out in the morning with warm water and soap repeat three or four times. If the hair is gone from natural deficiency of the capillary organs, then simply use cold water applied with a soft sponge; avoid all combing or brushing, and clean the mane and tail as the Arabs do, with a coarse camel's hair brush.

Cough Syrup.

The following are pronounced excellent recipes: 1. Take one tea-spoonful of flaxseed and soak all night. In the morning put into a kettle two quarts of water, a handful of liquorice root split up and a quarter of a pound of raisins broken in halves. Let them boil until the strength is thoroughly extracted, then add the flaxseed which has been previously soaked. Let all boil half an hour or more, with the addition of lemon juice and sugar.

2. Boil one ounce of flaxseed in a quart of water for half an hour, strain and add to the liquid the juice of two lemons and half a pound of rock candy. If the cough is accompanied by weakness and loss of appetite, add half an ounce of senna-root, ginger and mace. Set this to simmer for half an hour, straining it occasionally. Take a white glass when the cough is troublesome.

Good to Know.

Keep tea in a close chest or canister. Keep coffee by itself, as its odor affects other articles. Bread and cake should be kept in a tin box or stone jar. Cranberries will keep all winter in a firkin of water in cellar. Oranges and lemons keep best wrapped close in soft paper and laid in a drawer. Soft soap should be kept in a dry place in the cellar, and should not be used for hand-washing.

Dr. Hoofland's Podophyllin. On sale for Malaria, Dysentery, Tonsils, Colds, &c. Will cure every case of MARASMIUS, or Wasting Away of the Body.

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